



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patents

1638
#15

In re Application of: **Karnosky et al.**



Art Unit: 1638

Serial No. **10/057,609**

Examiner: **To Be Assigned**

Filed: **January 24, 2002**

For: **Transgenic Trees Having Increased
Resistance to Imidazolinone Herbicides**

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INFORMATION DISCLOSURE STATEMENT

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Respectfully submitted,

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Our Docket: 16313-0093

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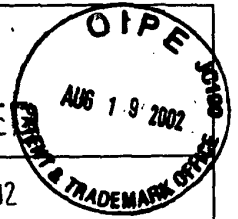
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ATTY. DOCKET NO.		SERIAL NO.		FILING DATE	
16313-0093		10/057,609		January 24, 2002	
APPLICANT				GROUP	
David F. Karnosky, Gopi K. Podila and Bixia Xiang				1638	
U.S. PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS
AA					
FOREIGN PATENT DOCUMENTS					
DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION YES NO.	
AB					
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)					
AC			Shaner et al., "Imidazolinones Potent Inhibitors of Acetohydroxyacid Synthase", 1984 Plant Physiol. 76:545-546. ✓		
AD			Shaner and Robinson, "Absorption, Translocation, and Metabolism of AC 252 214 in Soybean (<i>Glycine max</i>), Common Cocklebur (<i>Xanthium strumarium</i>), and Velvetleaf (<i>Abutilon theophrasti</i>)", 1985 Weed Sci. 33:469-471. ✓		
AE			Newhouse et al., "Mutations in corn (<i>Zea mays</i> L.) conferring resistance to imidazolinone herbicides", 1991 Theor. Appl. Genet. 83:65-70. ✓		
AF			Newhouse et al., "Tolerance to Imidazolinone Herbicides in Wheat", 1992 Plant Physiol. 100:882-886. ✓		
AG			Barrette et al., "Protection of Grass Crops from Sulfonylurea and Imidazolinone Toxicity", 1989 Crop Safeners for herbicides, Academic Press New York, pp. 195-220. ✓		
AH			Brown et al., "Hydrolytic Activation versus Oxidative Degradation of Assert Herbicide, an Imidazolinone Aryl-carboxylate, in Susceptible Wild Oat versus Tolerant Corn and Wheat", 1987 Pestic. Biochem. Physiol. 27:24-29. ✓		
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AJ			Swanson et al., "Microspore mutagenesis and selection: Canola plants with field tolerance to the imidazolinones", 1989 Theor. Appl. Genet. 78:525-530. ✓		
AK			Li et al., "An improved rice transformation system using the biolistic method", 1992 Plant Cell Rep. 12:250-255. ✓		
AL			Sathasivan et al., "Molecular Basis of Imidazolinone Herbicide Resistance in <i>Arabidopsis thaliana</i> var Columbia", 1991 Plant Physiol. 97:1044-1050. ✓		
AM			Odell et al. "Comparison of Increased Expression of Wild-Type and Herbicide-Resistant Acetolactate Synthase Genes in Transgenic Plants, and Indication of Posttranscriptional Limitation on Enzyme Activity", 1990 Plant Physiol. 94:1647-1654. ✓		
AN			Tsai et al., "Agrobacterium-mediated transformation of quaking aspen (<i>Populus tremuloides</i>) and regeneration of transgenic plants", 1994 Plant Cell Reports 14:94-97. ✓		
AO			Huang et al., "Agrobacterium Rhizogenes-Mediated Genetic Transformation and Regeneration of a Conifer: <i>Larix Decidua</i> ", 1991 In Vitro Cell. Dev. Biol. 270-201-207. ✓		
AP			Shin et al., "Transgenic larch expressing genes for herbicide and insect resistance", 1994 Can. J. For. Res. 24:2059-20-67 ✓		
EXAMINER				DATE CONSIDERED	
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					